

DCR-SR300

Hard Disk Drive Camcorder - 40GB2

NEW

▲ Step-up



MEMORY STICK PRO DUO



The DCR-SR300 will change the way you take home videos. The 40GB stores up to 28 hours of video (LP) and easily transfers it to your PC. And you're sure to be impressed by the quality of the 3 Megapixel ClearVid™ CMOS Sensor viewed through a Carl Zeiss® Vario-Sonnar® T* Lens.

- ▲ 3.0 Megapixel (Gross) ClearVid™ CMOS Sensor
1/2.9" ClearVid™ CMOS Sensor with 3040K (effective) pixels provides stunning detail and clarity with exceptional video (up to 530 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still (3040K) photography performance.
- 10X Optical/20X Digital Zoom
The optical zoom helps to bring the action close up from far away. In addition, the Digital Zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- Professional Quality Carl Zeiss® Vario-Sonnar® T Lens
Carl Zeiss lenses have an advanced optical multi-layer coating for increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones. The additional T coating on the lens further reduces unwanted glare and flare.
- Dolby® Digital 5.1ch Recording
The DCR-SR300 will record in Dolby Digital 5.1ch surround sound with a built-in microphone. By recording in 5.1 channel surround sound you can now experience your home movies with active sounds coming from all directions. Enjoy your personal home movies the way you experienced them while recording.
- 2.7" Wide (16:9) Hybrid Touch Panel Clear Photo™ Plus LCD⁶ (211K Pixels)
The 2.7" Wide (16:9) LCD screen provides excellent viewing clarity with improved resolution. The high resolution 211K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback, and the widescreen format makes shooting in 16:9 mode and composing shots even easier.
- Smooth Slow Recording
By increasing the record rate from 60 fields per second (fps) to 240 fps for 3 seconds allowing you to capture 3 seconds of fast motion and play the video back in 12 seconds. This is great for analyzing a golf swing or a viewing a bird in flight. In addition, record an audio track to narrate what is being seen during the video.
- Memory Stick Duo™ Media Slot⁵
Capture still images up to 2848x2136 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick® media devices.
- Super SteadyShot® (Optical) Image Stabilization System
An advanced form of Sony's SteadyShot Image Stabilization system that controls an even higher range of shake and vibration frequencies. This optical stabilization system achieves an even higher level of smoothness without degradation of video like some digital stabilization systems.
- On Screen Zoom and Record Buttons
For additional control of the camcorder, the DCR-SR300 features Zoom and Record buttons on the frame of the LCD screen. This allows the user more flexibility when holding the camcorder, especially in overhead or low angle shots.
- One Touch Wide Angle Shooting
Easily switch between 16:9 and 4:3 aspect ratios for shooting, with just the touch of a button.
- USB 2.0 Interface⁴
USB 2.0 interface provides an easy way to connect your Hard Disk Drive Handycam camcorder to the computer for fast transfer of video and still images to your computer for editing. The camcorder can also be used as an external DVD burner, convenient for making copies of your DVDs or burning edited movies.
- Handycam® Station
Simply placing the camcorder on the supplied Handycam Station provides quick connections to a TV for viewing or a PC for editing and sharing, all while charging the battery so your camcorder is always ready to go.
- DVDirect® Compatibility
The DVDirect system allows for easy transfer to a stand-alone DVD Burner via USB 2.0. The VRD-VC30 allows for easy transfer of video for DVD Burning, while the VRD-MC3 allows for seamless transfer of both Video and Still images for archiving on a DVD.
- Progressive Shutter System
A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

ADDITIONAL FEATURES

- One Touch Disc Burn
- Easy PC Backup
- HDD Smart Protection
- Active Interface Shoe
- Super NightShot® Infrared System
- InfoLITHIUM® Battery with AccuPower™ Meter System
- Manual Focus
- Scene Selection Modes
- Picture Effects
- Fader Effect(s)



DCR-SR300

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Specifications

General

Imaging Device: 1/2.9" ClearVid™ CMOS Sensor
Pixel Gross: 3200K
Recording Media: 40GB² Hard Disk Drive, Memory Stick PRO Duo™ Media (sold separately)
Recording and Playback Times: HQ: up to 9 hours, SP: up to 14 hours, LP: up to 28 hours
Video Actual: 2280K Pixels (16:9), 1710K Pixels (4:3)
Still Actual: 2280K Pixels (16:9), 3040K Pixels (4:3)

Convenience

USB Streaming: N/A
SteadyShot® Image Stabilization: Yes (Optical)
Accessory Shoe: Yes (Active Interface Shoe)
White Balance: Auto, Indoor, One-push, Outdoor
Memory Stick PRO™ Media Compatibility: Tested to support up to 4GB media capacity; does not support high speed transfer function; does not support Access Control security function.
Still Image Mode(s): JPEG
Minimum Illumination: 1.5 Lux (0 Lux with Super NightShot® Infrared System)

Convenience Features

Easy Operation: Yes
Multiple Language Display: Yes
Remote Control: Yes
Slide Show Mode: Yes
Titting: Yes
Light/Flash: N/A / Yes
Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Snow, Spotlight, Sunrise & Sunset, Twilight and Twilight Portrait
Picture Effect(s): Monotone, Sepia, Pastel
Digital Picture Effect(s): Old Movie
PictBridge Compatible: Yes
Low Light Capability: Super NightShot®
Fader Effect(s): Black & White

Video

Video Recording System: Non-Removeable Hard Disk Drive
Analog-to-Digital Converter: N/A
Format(s) Supported: MPEG2 (SD)
Video Signal: NTSC color, EIA standards

Inputs and Outputs

Analog Audio/Video Input(s): N/A
Analog Audio/Video Output(s): Yes (Multi A/V)
Digital Audio/Video Input(s): Yes (via USB)
Digital Audio/Video Output(s): Yes (via USB)
USB Port(s): Yes; 2.0 compliant (Handycam Station)⁴
i.LINK® Interface: N/A
Component Video (Y/Pb/Pr) Output(s): N/A
Headphone Jack: N/A
Microphone Input: Yes (thru Active Interface Shoe)
Remote Jack: Yes (Mini Plug)
S-Video Input(s): N/A

S-Video Output(s): Yes (optional accessory)
HDMI™ Connection Output(s): N/A
Active Interface Shoe: Yes

Display

LCD Screen: 2.7" (211K Pixels)⁶ Wide (16:9)
Touch Panel - Clear Photo LCD Plus™

Hardware

Viewfinder: N/A
Docking Station: Yes (Handycam Station®)
Microphone: Yes (Built-in; 5.1ch)

Optics/Lens

35mm Equivalent: 40-400mm (16:9 Camera Mode), 49-490mm (4:3 Camera Mode), 40-400mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode)
Aperture: f1.8-2.9
Exposure: Touch Panel (32 steps)
Filter Diameter: 37mm
Focal Distance: 5.4-54mm; Telemacro Mode - 450mm
Focus: Full Range Auto, Manual (Touch Panel)
Progressive Shutter Mode: Yes
Shutter Speed: Auto, 1/2-1/500(Scene Selection Mode)
Optical Zoom: 10X
Digital Zoom: 20X
Resolution: 3MP
Lens Type: Carl Zeiss® Vario-Sonnar® T

Power

Power Consumption: 4.3W (LCD)
Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH60)
Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional
Supplied Software: Picture Motion Browser

Dimensions

Weight: 1 lb 3 oz (560g) with supplied battery
Measurements: 3" x 3 1/8" x 5 1/8" (76 x 78 x 128mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
InfoLITHIUM® Rechargeable Battery (NP-FH60)
Handycam Station
Remote Commander® Remote Control (RMT-835)
A/V Cable (Stereo)
USB Cable
Cleaning Cloth
Enjoy Handycam DVD

UPC Code: 027242712423

BATTERY LIFE¹

Battery ¹ (Fully charged)	Continuous Record Time LCD/LCD Bcklt Off	Continuous Playback Time LCD On/Off
NP-FH50	70/75 min	120/140 min
NP-FH60	95/100 min	160/190 min
NP-FH70	155/165 min	255/300 min
NP-FH100	365/385 min	590/695 min

STILL IMAGE MODE³

Fine/Standard Picture Quality

40GB Hard Disk ²	2848x2136 6.1MP	2848x1602 4.6MP (Wide)	2136x1602 3.4MP	2048x1536 3.1MP	640x480 VGA
	9999/9999	9999/9999	9999/9999	9999/9999	9999/9999
Memory Stick Duo™ Media⁵					
64MB	21/53	28/70	37/93	40/100	390/980
128MB	42/105	56/135	74/185	80/205	780/1970
Memory Stick PRO Duo™ Media⁵					
256MB	76/190	100/250	130/335	140/370	1400/3550
512MB	155/390	205/510	270/690	295/760	2850/7200
1GB	315/800	420/1050	550/1400	600/1550	5900/14500
2GB	650/1600	860/2150	1100/2850	1200/3150	12000/30000
4GB	1250/3200	1700/4250	2250/5700	2400/6300	23500/59000

- Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions. Designed for use with compatible Sony InfoLITHIUM® batteries.
- 40GB means 40 Billion bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
- Image size and files size may vary based upon the type and complexity of the image recorded.
- Not all products with USB 2.0 connector may communicate with each other due to chipset variations.
- Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB, 4GB=3.66GB.
- Viewable area measured diagonally.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
Screen Images Simulated

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